


# NEC

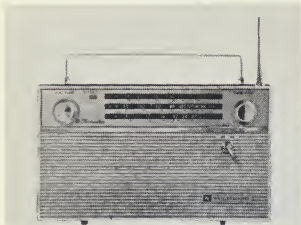
## forging the future through electronics



One of NEC's latest developments for space communications is this 98 ft diameter parabolic antenna and its wave-guiding system installed at the Kagami Space Communications Station, the Japan Space Research Laboratories of the Ministry of Posts and Telecommunications. By using advanced technology, NEC has developed a new antenna system, a good example of forging the future through electronics.

*Nippon Electric Company Limited*





TR RADIO



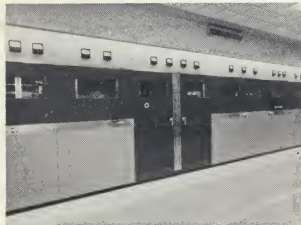
TV STUDIO EQUIPMENT



DISPATCHER TELEPHONE EQUIPMENT



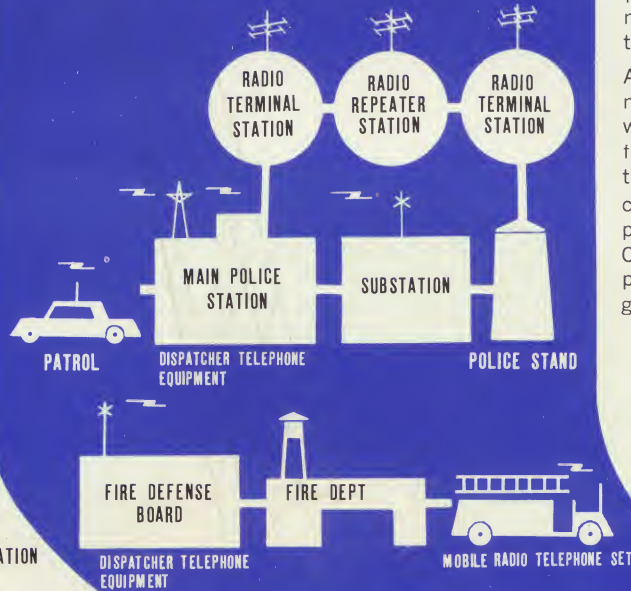
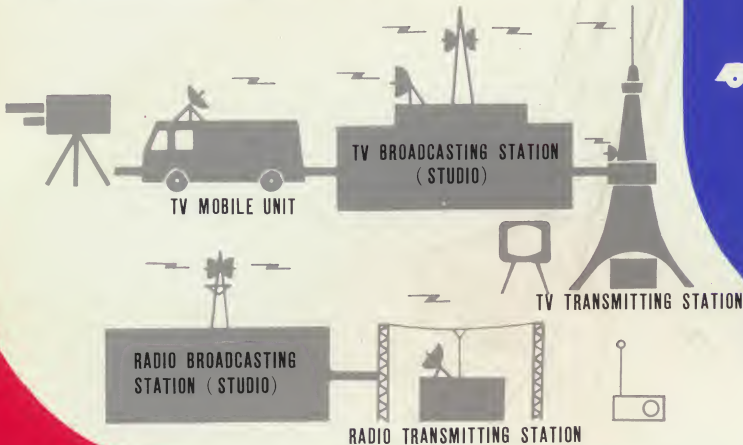
TRANSISTORIZED PORTABLE RADIO TELEPHONE SET



MEDIUM WAVE BROADCASTING TRANSMITTER



TV BROADCASTING TRANSMITTER

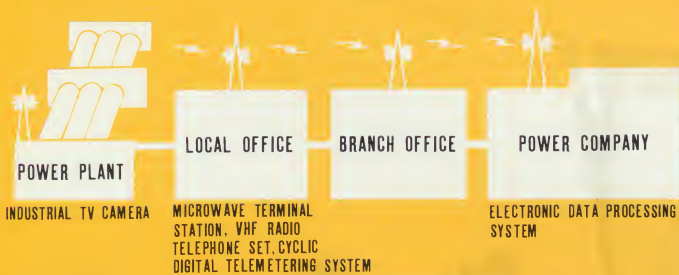


POLICE & FIRE DEFENSE

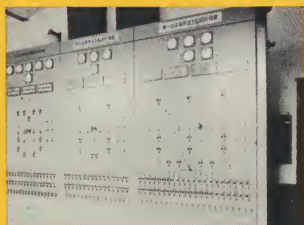
TV & RADIO BROADCASTING

POWER COMPANY

HOSPITAL



INDUSTRIAL TV CAMERA



REMOTE SUPERVISORY & CONTROL EQUIPMENT



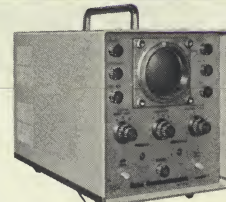
ELECTRONIC DATA PROCESSING SYSTEM



RADIO CAPSULE FOR MEDICAL DIAGNOSIS



DIAGNOSIS APPARATUS



ECHO ENCEPHALOGRAPH

## YOUR ELECT TELECOMMUNI

Most of the things you do in your daily life are done by electronics. As you list them: telephone, read a newspaper, electronics and telecommunications. The hospital, the plane, the train, the police neighborhood—all are part of your telecommunications life.

Also, your future life will be televised directly from space satellites. Your telephone, speak your mind, connected to any point in the world. Computers will be automatically solving the problems of business and getting any product you order.

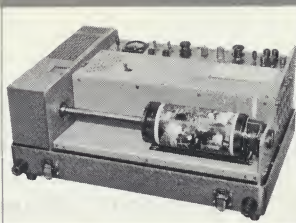
For over half a century, engineers of NEC have followed the progress of electronics. Shown here is a sample of the equipment we are able to meet the demand and to plan for your electronic future.



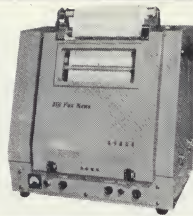
# RONICS AND ICATIONS LIFE

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electronics and telecom-  
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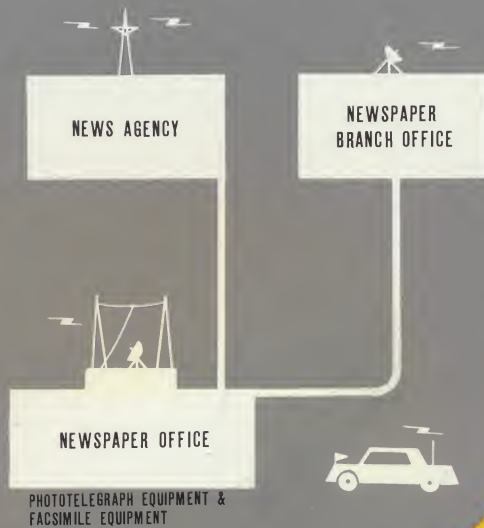
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PORTABLE PHOTOTELEGRAPH TRANSMITTER



FACSIMILE RECEIVER



PHOTOTELEGRAPH EQUIPMENT & FACSIMILE EQUIPMENT

PARABOLIC ANTENNA FOR SPACE COMMUNICATIONS



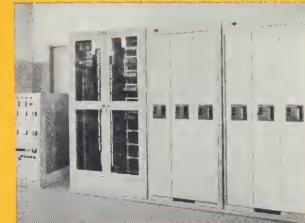
MICROWAVE COMMUNICATIONS SYSTEMS



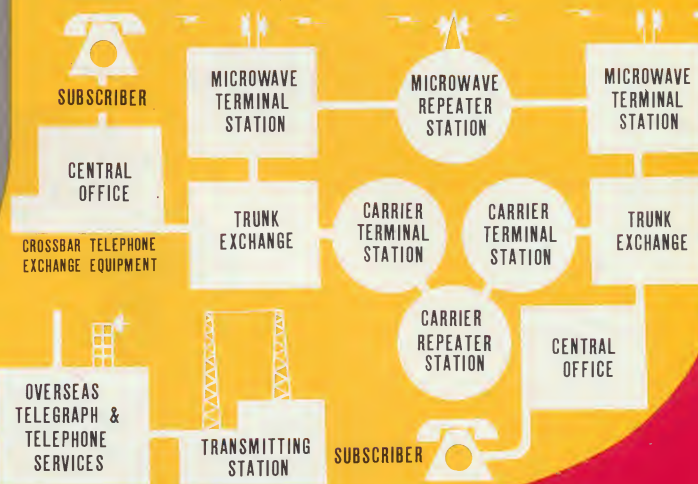
CARRIER TELEPHONE TERMINAL EQUIPMENT



CROSSBAR TELEPHONE EXCHANGE EQUIPMENT



SEMI-ELECTRONIC EXCHANGE EQUIPMENT



OVERSEAS TELEGRAPH & TELEPHONE SERVICES

TRANSMITTING STATION

SUBSCRIBER

## NEWSPAPER

## TELEGRAPH & TELEPHONE

## TRANSPORTATION

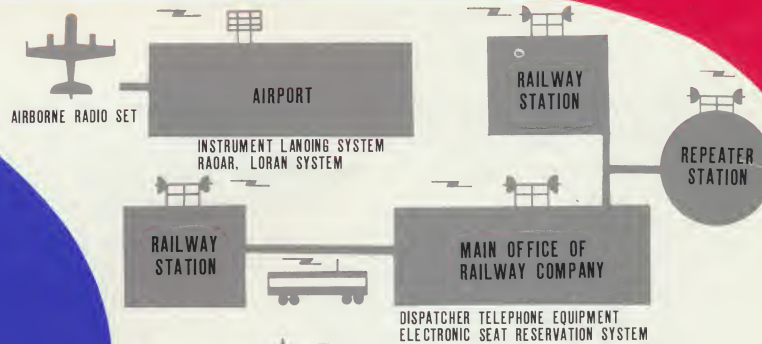
## WEATHER FORECAST



METEOROLOGICAL OBSERVATORY



PARAWIN SET



AIRBORNE RADIO SET

AIRPORT

INSTRUMENT LANDING SYSTEM  
RADAR, LORAN SYSTEM

RAILWAY STATION

RAILWAY STATION

MAIN OFFICE OF  
RAILWAY COMPANY

REPEATER  
STATION

DISPATCHER TELEPHONE EQUIPMENT  
ELECTRONIC SEAT RESERVATION SYSTEM

OVERSEAS RADIO STATION

MARINE RADIO EQUIPMENT  
(WEATHER FACSIMILE RECEIVER, MARINE  
RADIO TELEPHONE SET, ECHO SOUNDER)



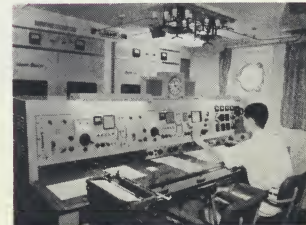
AIRBORNE RADIO TRANSMITTER-RECEIVER



RAPCON SYSTEM



ELECTRONIC SEAT RESERVATION SYSTEM

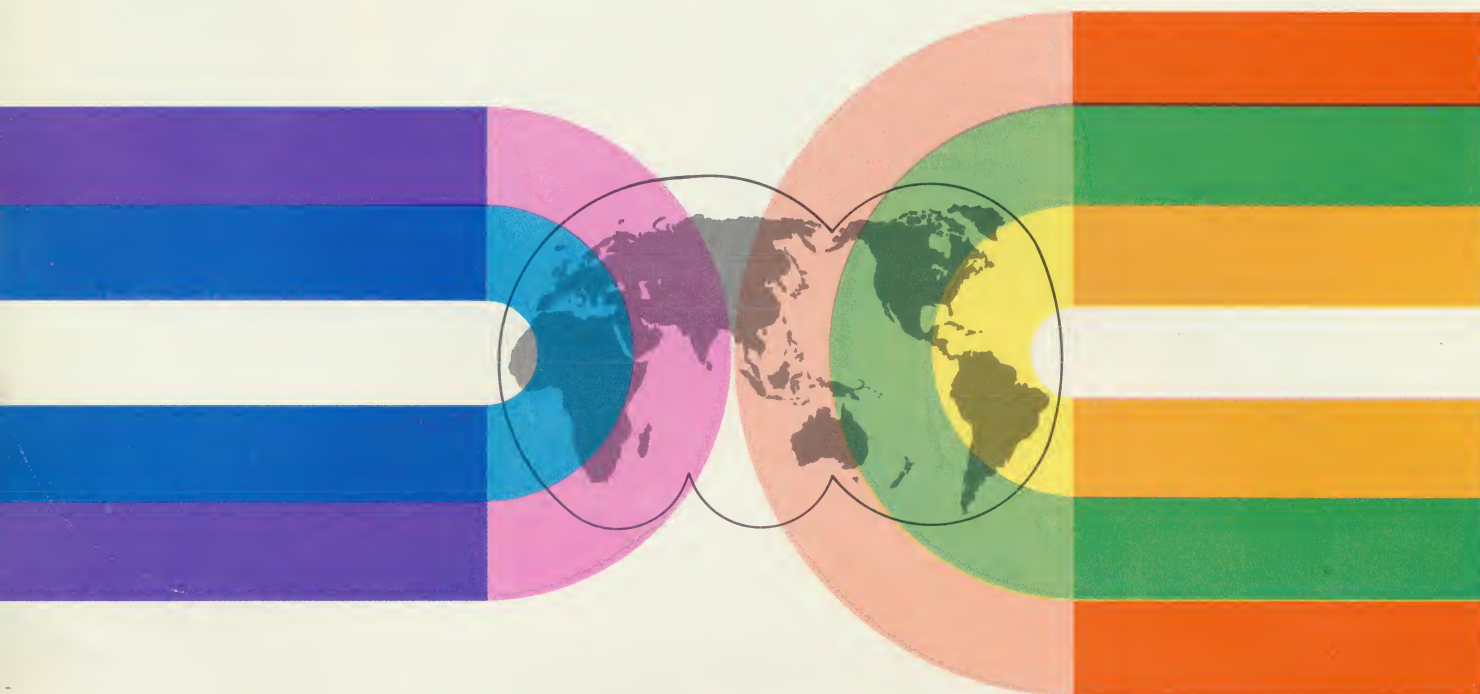


MARINE RADIO EQUIPMENT

the technicians and en-  
voted their efforts to the  
and telecommunications.  
of NEC's diversity. NEC  
challenges of the present  
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Domestically, NEC's achievements have accounted for almost every significant advance made in the last half century. More than 60 % of the country's 325 TV stations and 92 % of the microwave network, the second largest in the world, are NEC equipped and installed. It leads the market in manufacture of the following equipments: wired communications, 29.2 %; carrier, 58.8%; radio, 24.2%; electronics, 23.6 %; and communications & industrial electron tubes, 34.8 %.



International confidence in the products of NEC is shown by some of the company's recent major export results:

- |                 |  |
|-----------------|--|
| • United States | microwave technology   |
| • India         | 1100-mile nationwide microwave system                            |
| • Pakistan      | 700-mile nationwide coaxial cable carrier system                 |
| • Australia     | 20-kw TV broadcasting system                                     |
| • Iran          | 100-kw medium wave radio broadcasting system                     |
| • Mexico        | 1200-mile nationwide microwave system                            |
| • New Zealand   | TV program transmission equipment                                |
| • Spain         | 200-kw medium wave radio broadcasting system                     |
| • Indonesia     | 10-kw TV broadcasting system                                     |
| • Iraq          | 800-mile power-line carrier system                               |
| • Thailand      | 10-kw shortwave radio equipment for international communications |
| • Malaya        | 100-kw shortwave broadcasting system                             |

Capitalized at 34-million dollars, with 22000 employees in 12 divisions, NEC is one of the most completely integrated makers of electronics and telecommunications equipment in the world. And newer developments at NEC's 5 research laboratories are assuring that NEC will maintain its standards of excellence and diversity as it forges the future of electronics.



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6406-135000-M  
printed in Japan